

What is a common build system:

- It is difficult to get code (e.g. out GUI) to compile on many different unix systems and installations
 - Often it is not clear what is going wrong doing **make**
 - A build systems helps to produce more independent Makefiles and code
 - It writes the makefiles for us (easy to create our own libraries or mix C/C++)
 - It can check if for example all necessary libraries (e.g. DIM) are correctly installed
- ./configure**

Why a common system:

- In the ideal case compilation and installation of all our programs seems more *standard*
 - ./configure**
 - ./make**
- We can re-build everything at once (needed if we used shared code)
- We don't have to maintain our own build system (Makefiles)
- It will be much easier to get the control GUI working on all our Laptops (and errors might be more meaningful and issued by the configure-script already)